

**Flood Control Project Maintenance
Levee Inspections**

Fall 2012 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

ST0008	Overall LMA Rating	Total LMA Miles						
Sacramento Maintenance Yard Sacramento Bypass	A	3.51						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Slope Stability	0.01		0.01	0.29%				
<i>LMA Totals:</i>	0.01	0.00	0.01	0.29%	0.00	0.00	0.00	0.00
Unit No. 01 Sacramento Bypass or North Levee RB	Overall Unit Rating	Total Unit Miles						
ST0008	A	1.73						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Slope Stability	0.01		0.01	0.58%				
<i>Unit Totals:</i>	0.01	0.00	0.01	0.58%	0.00	0.00	0.00	0.00
Unit No. 02 Sacramento Bypass or South Levee LB	Overall Unit Rating	Total Unit Miles						
ST0008	A	1.78						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%				

**Flood Control Project Maintenance
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LMA District Cover Sheet
Fall 2012 Levee Inspection Results

Sacramento Maintenance Yard Sacramento Bypass

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Sacramento Maintenance Yard Sacramento Bypass

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento Bypass or North Levee			Right	1.73
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/23/2012 - 03/23/2012		10/09/2012 - 10/09/2012	
DWR Inspector	John Williamson		John Williamson	
Accompanied By	Casey Lund Sac maint		Casey Lund Sac maint	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2012

Sacramento Maintenance Yard Sacramento Bypass

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento Bypass or North Levee						Right	1.73	10/09/2012 10/09/2012	John Williamson

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	0.38	0.38	Earthen Levee	Encroachments	WS	C En	DE : Debris	38.605075 ° -121.566400 °	38.605075 ° -121.566400 °	9
DWR ID: DWR_ST0008_01_s_2012_9										
2	0.46	0.46	Earthen Levee	Slope Stability	LS	M Ma	S1 : Repair slope instability.	38.604712 ° -121.567738 °	38.604712 ° -121.567738 °	12
DWR ID: DWR_ST0008_01_s_2012_12										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento Bypass or North Levee	Right	1.73	10/09/2012 10/09/2012	John Williamson

Levee Mile Report Line	2
Start Levee Mile	0.46
End Levee Mile	0.46
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Bulge at the toe of the levee slope. Photo fall 2012.	
johngw_f_20121015_741.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Sacramento Maintenance Yard Sacramento Bypass

Waterway			Bank	Unit Miles
Unit No. 02 Sacramento Bypass or South Levee			Left	1.78
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/23/2012 - 03/23/2012		10/09/2012 - 10/09/2012	
DWR Inspector	John Williamson		John Williamson	
Accompanied By	Casey Lund Sac maint		Casey Lund Sac maint	

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Levee Inspection Report By Mile - Fall 2012

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento Bypass or South Levee	Left	1.78	10/09/2012 10/09/2012	John Williamson

LMR No.	Levee Mile		Category	Item	Location *	Rating + Ma	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1			Earthen Levee	Operations & Maintenance Manuals	LS	A Ma		°	°	5
								°	°	
							DWR ID: DWR_ST0008_02_s_2012_5			
2			Earthen Levee	Emergency Supplies & Equipment	LS	A Ma		°	°	6
								°	°	
							DWR ID: DWR_ST0008_02_s_2012_6			
3			Earthen Levee	Flood Preparedness & Training	LS	A Ma		°	°	7
								°	°	
							DWR ID: DWR_ST0008_02_s_2012_7			
4	0.09	1.07	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Vegetation is taller than 12 inches at the lower 20-25 feet of slope.	38.602360 ° -121.557188 °	38.597912 ° -121.574354 °	3 Y
							DWR ID: DWR_ST0008_02_f_2012_3			

*** Location**

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CR : Crown

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A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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Levee Inspection Report By Mile - Fall 2012

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento Bypass or South Levee	Left	1.78	10/09/2012 10/09/2012	John Williamson

Levee Mile Report Line	4
Start Levee Mile	0.09
End Levee Mile	1.07
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Grasses on the landside toe taller than 12 inches. Photo fall 2012	
johngw_f_20121015_737.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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